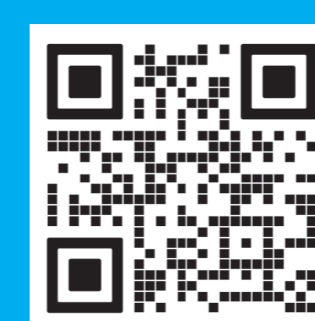




SAFE, EFFICIENT AND AUTONOMOUS: MULTIMODAL LIBRARY OF EUROPEAN SHORTSEA AND INLAND SOLUTIONS

SEAMLESS aims at developing and adapting missing technology building blocks and key enabling technologies into a fully automated, economically viable, cost-effective, and resilient waterborne freight feeder loop service for Short Sea Shipping (SSS) and/or Inland Waterways Transport (IWT).



seamless-project.eu



Increased and early deployment of climate neutral fuels and significant electrification of shipping, in particular and foremost in intra-European transport connections.



Enable innovative port infrastructure to achieve zero-emission waterborne transport (inland, maritime).



Strong technological and operational momentum towards achieving climate neutrality and the elimination of all harmful pollution to air and water.



Enable fully automated shipping (maritime and inland) and efficient connectivity.



Increased overall energy efficiency and drastically lower fuel consumption of vessels.



Enable clean, climate-neutral, and climate-resilient inland waterway vessels before 2030 helping a significant market take-up and a comprehensive green fleet renewal which will also help modal shift.



Achieve the smart, efficient, secure and safe integration of maritime and inland shipping into logistic chains, facilitated by full digitalisation and automation.



Competitive waterborne industries, including the globally active European maritime technology sector, providing the advanced green and digital technologies which will support jobs and growth in Europe.

FOLLOW US!

 #seamless-project

 @seamless_heu



PROJECT COORDINATOR
Nikolaos P. Ventikos
 Associate Professor, NTUA
 School of Naval Architecture and Marine Engineering
 niven@deslab.ntua.gr

DAY TO DAY PROJECT MANAGER
Konstantinos Louzis
 Naval Architect and Marine Engineer, NTUA
 Research Engineer, PhD Candidate, NTUA
 klouzis@mail.ntua.gr



Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor CINEA can be held responsible for them.